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Atty. Dkt. No. 016777/0310  
Appln. No. 08/340,664

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1.-30. (Canceled)

31. (Presently Amended) A preparation of intact hPTH (1-84) ~~preparation~~ free of human derived proteins and human infectious agents, wherein the PTH preparation does not contain chemically modified amino acids.

32. (Canceled)

33. (Previously Presented) The hPTH (1-84) preparation of claim 31, wherein said hPTH (1-84) is prepared by a process comprising the steps of:

- (a) providing a microorganism containing exogeneous DNA encoding hPTH (1-84);
- (b) culturing said microorganism to allow expression of said exogeneous DNA, thereby producing hPTH (1-84); and
- (c) purifying said hPTH (1-84).

34. (Previously Presented) The hPTH (1-84) preparation of claim 33, wherein said microorganism is *E. coli*.

35. (Previously Presented) The hPTH (1-84) preparation of claim 33, wherein said microorganism is yeast.

36. (Presently Amended) A hPTH (1-84) preparation, wherein:

- (a) said hPTH (1-84) comprises a sequence containing at least one amino acid selected from the group consisting of a glutamate at position 22, a leucine at position 28, and an aspartate at position 30, and
- (b) said hPTH (1-84) ~~is more than 90% pure~~ is free of human derived proteins

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**and human infectious agents, and does not contain chemically modified amino acids.**

37. (Previously Presented) The hPTH (1-84) preparation of claim 36, wherein said hPTH (1-84) comprises a glutamate at position 22.

38. (Previously Presented) The hPTH (1-84) preparation of claim 36, wherein said hPTH (1-84) comprises a leucine at position 28.

39. (Previously Presented) The hPTH (1-84) preparation of claim 36, wherein said hPTH (1-84) comprises an aspartate at position 30.

40. (Previously Presented) The hPTH (1-84) preparation of claim 36, wherein said hPTH (1-84) is prepared by a process comprising the steps of:

- (a) providing a microorganism containing exogenous DNA encoding hPTH (1-84); and
- (b) culturing said microorganism to allow expression of said exogenous DNA, thereby producing hPTH (1-84);
- (c) and purifying said hPTH (1-84).

41. (Previously Presented) The hPTH (1-84) preparation of claim 36, wherein said microorganism is *E. coli*.

42. (Previously Presented) The hPTH (1-84) preparation of claim 36, wherein said microorganism is yeast.